

BEST AVAILABLE COPY

Figure 1

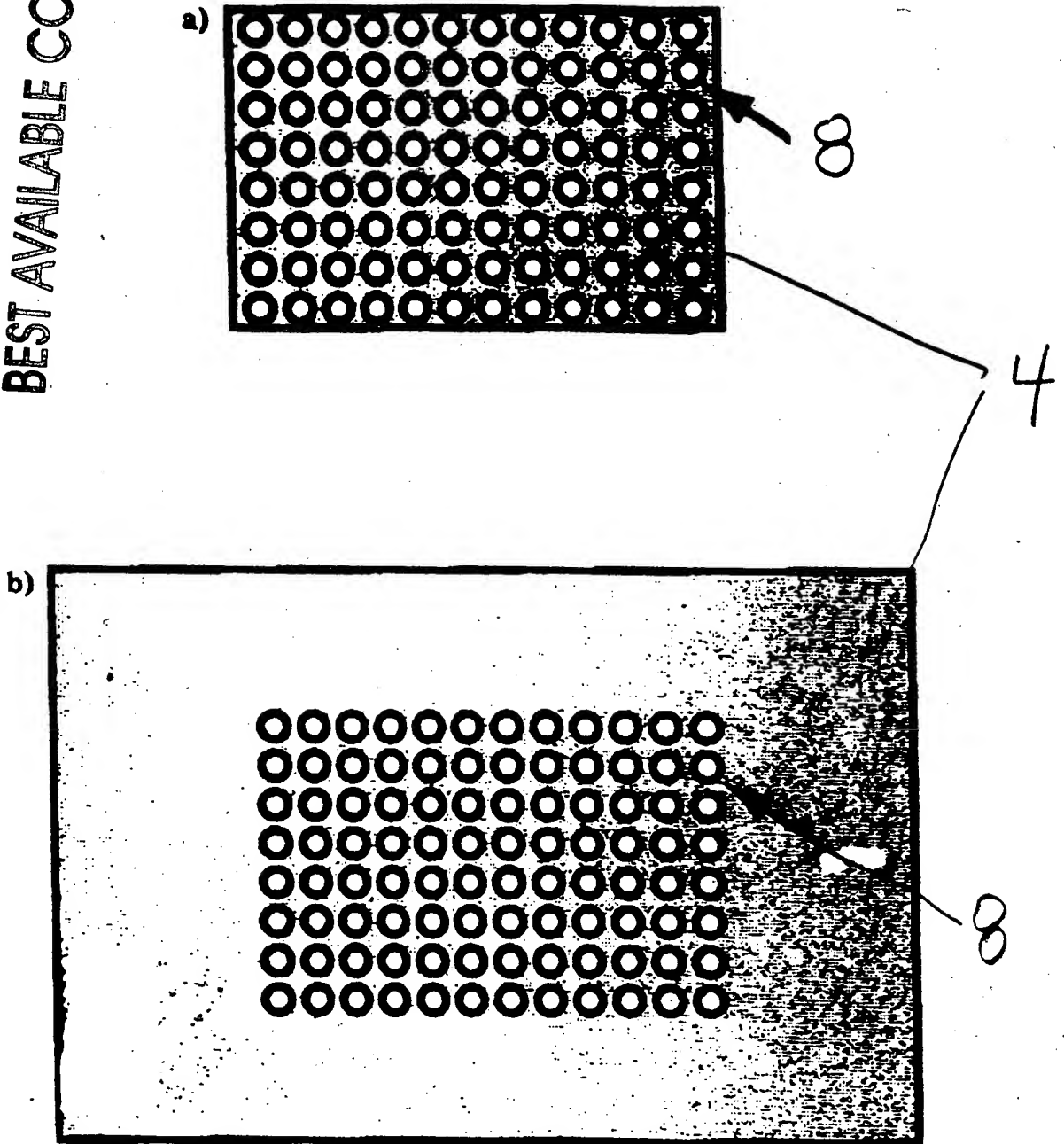
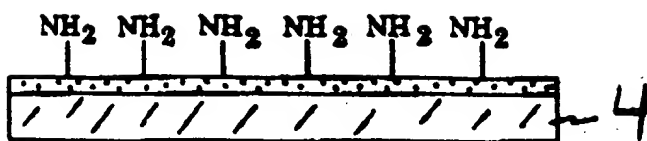


Figure 2

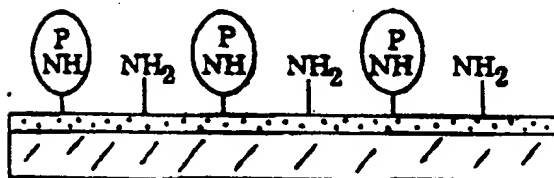
(A)



↓ Add Drops of Protecting Group (P)



↓

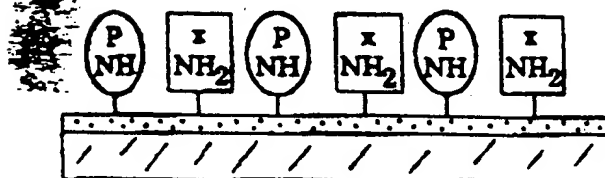


(B)

↓ Wash with Hydrophobic Reactive Group (x)

XXXXXXXXXXXXXXXXXXXX

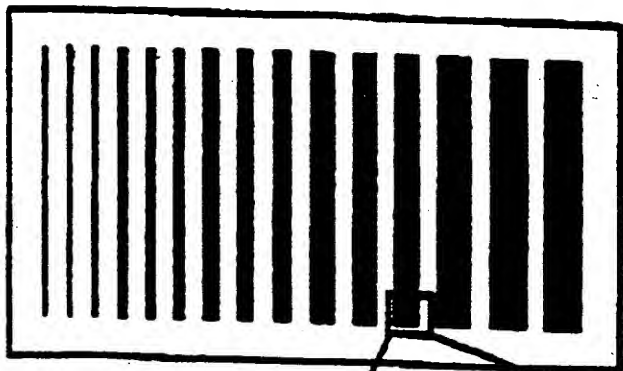
↓



(C)

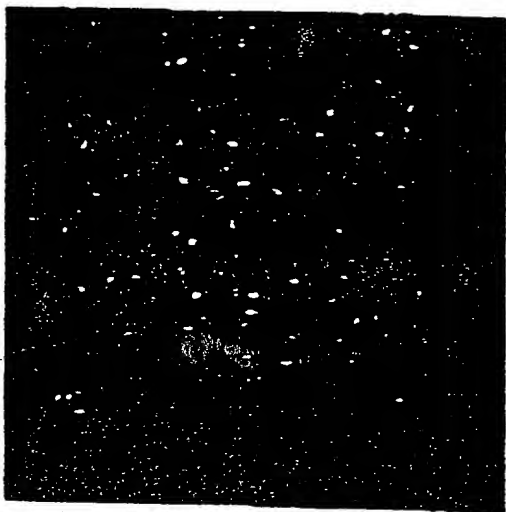
Figure 3A

BEST AVAILABLE COPY.

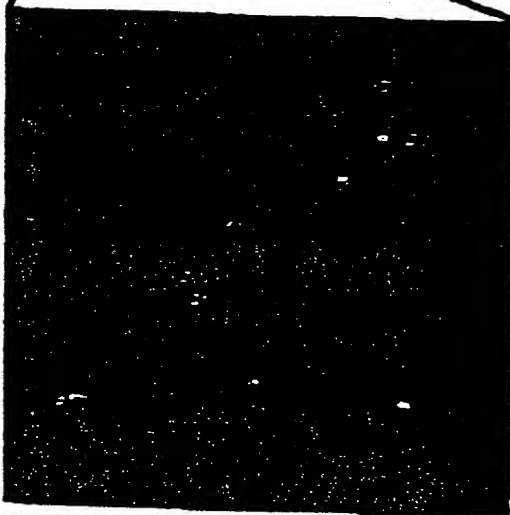


10

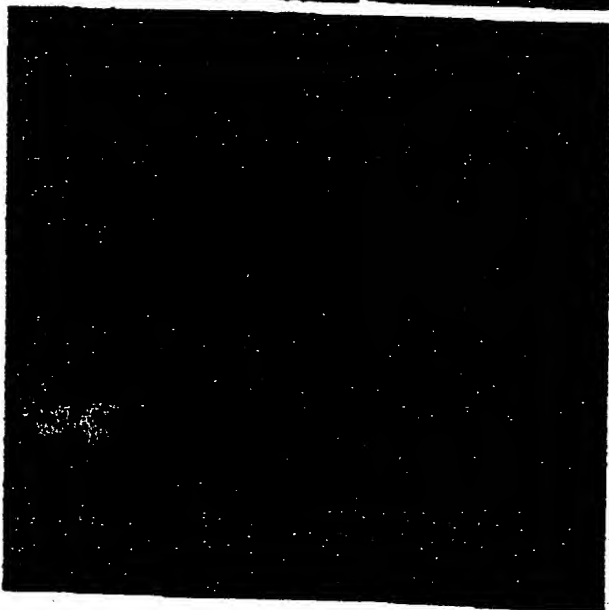
HOECHST-NUCLEI



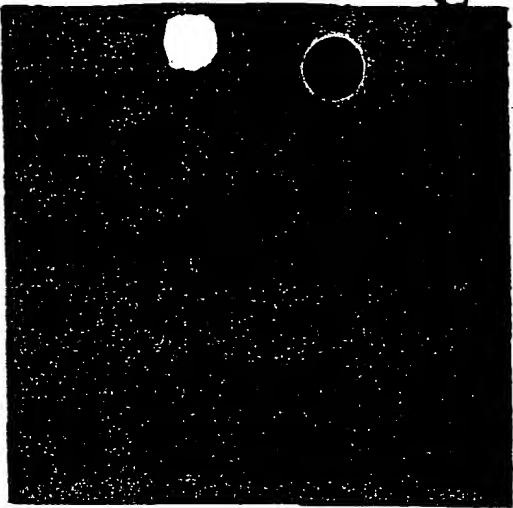
RHOAMINE-ACTIN



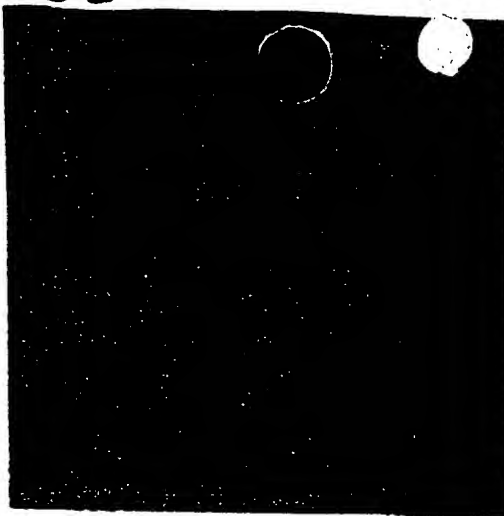
OVERLAY
RED=ACTIN
BLUE=NUCLEI



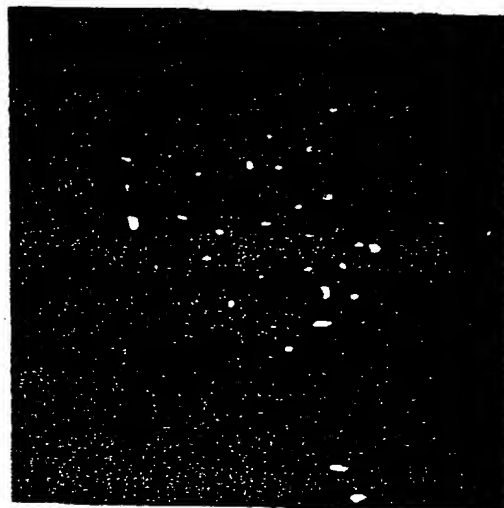
09460673 122199



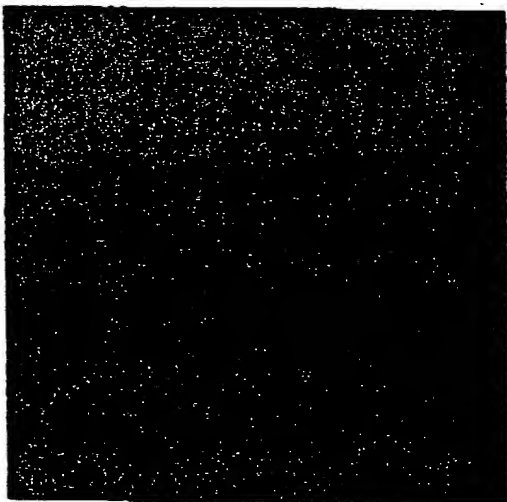
Sodium Fluorescein binding to Cell Chip to identify the location of 200 um spot patterns.



Fluorescent cell attachment of L929 cells to patterned spots (low magnification, 4x)



Fluorescent cell attachment of 3T3 cells to patterned spots. Nuclei (above), Actin in same cells (below) (higher magnification, 20x)



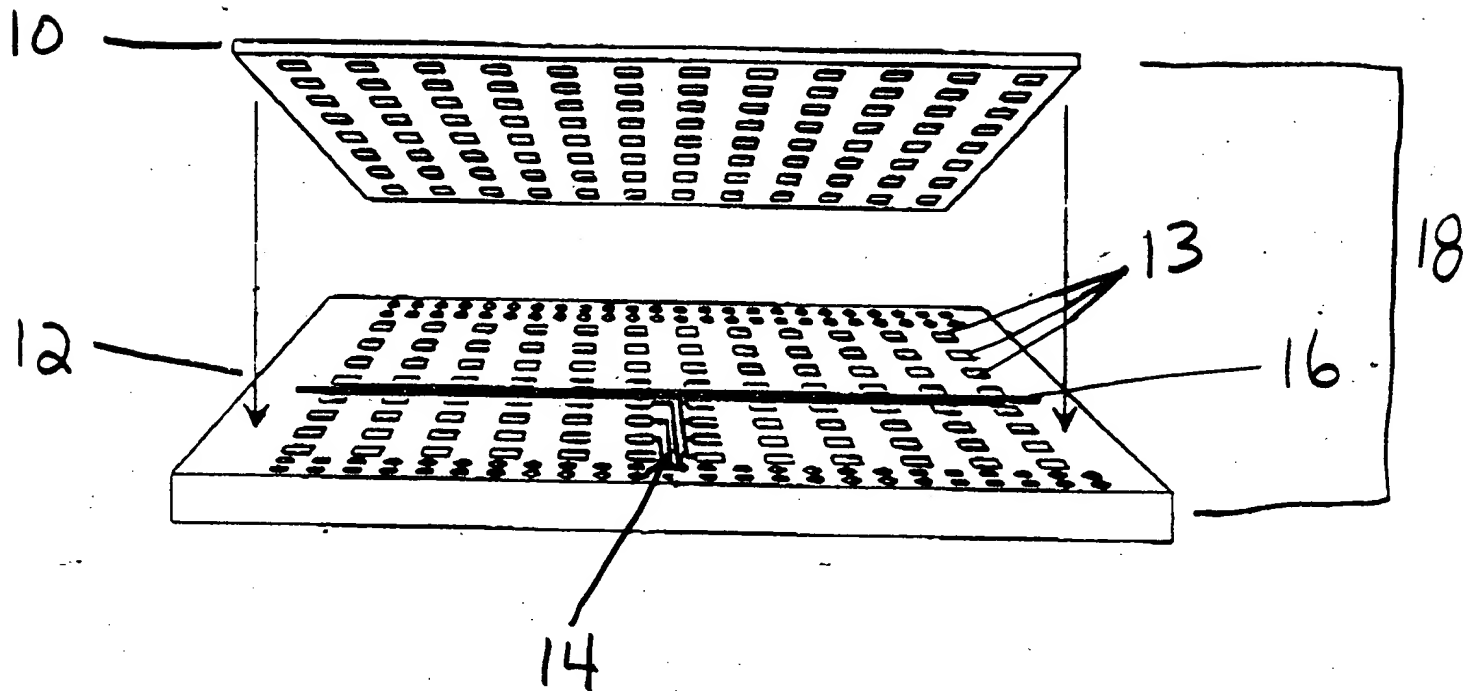
Sodium Fluorescein binding to Cell chip to identify the location of 400 um spots patterns.



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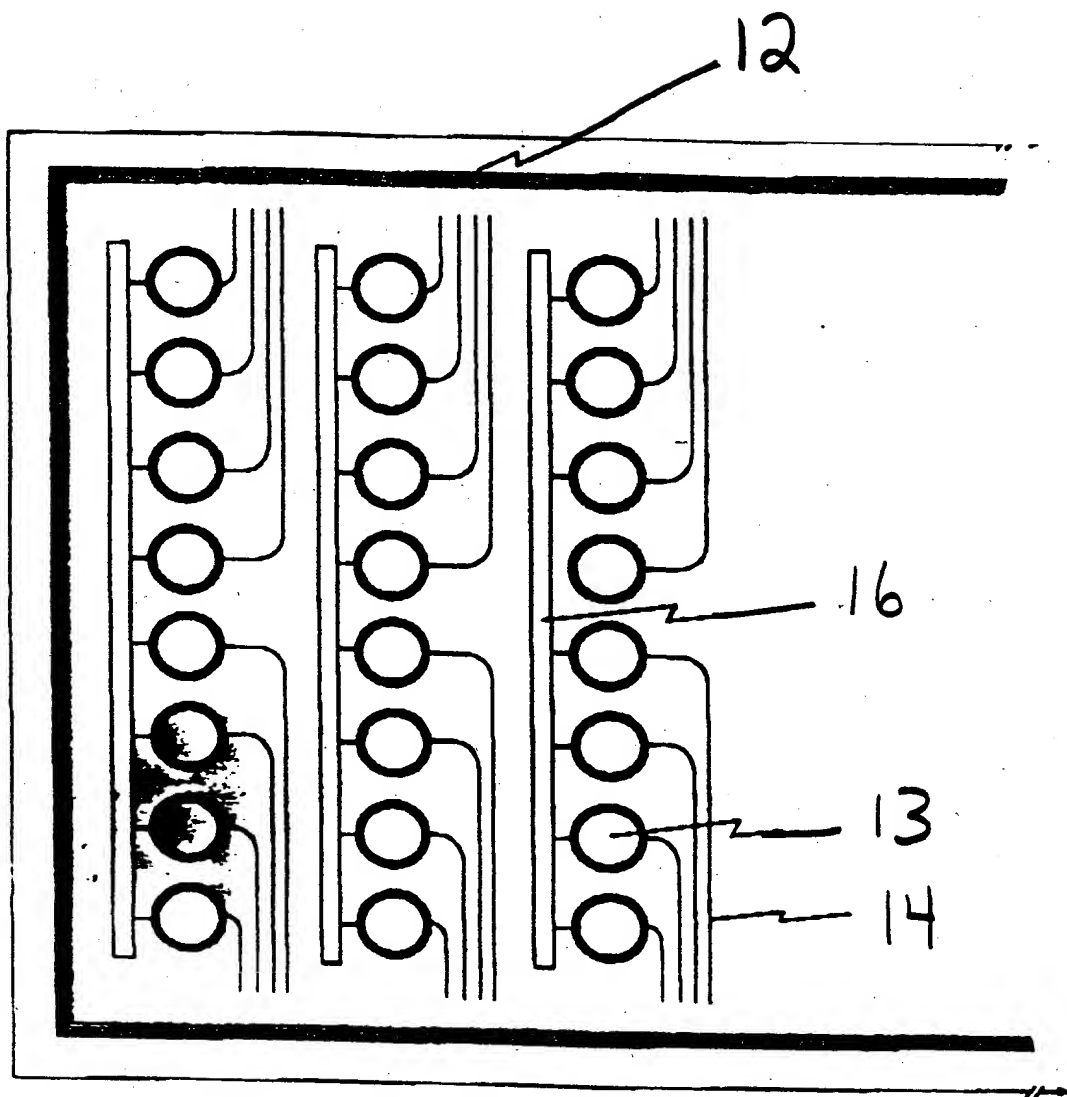
09468673.122199

Figure 4



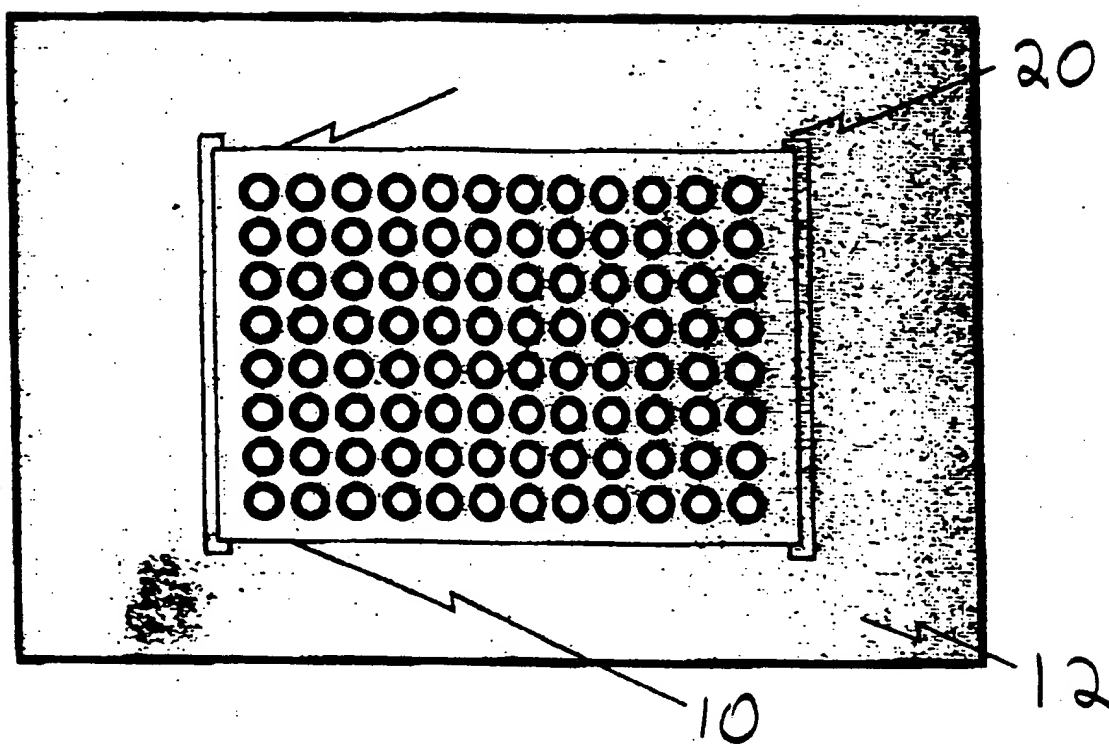
03465673.122193
661221.222460

Figure 5



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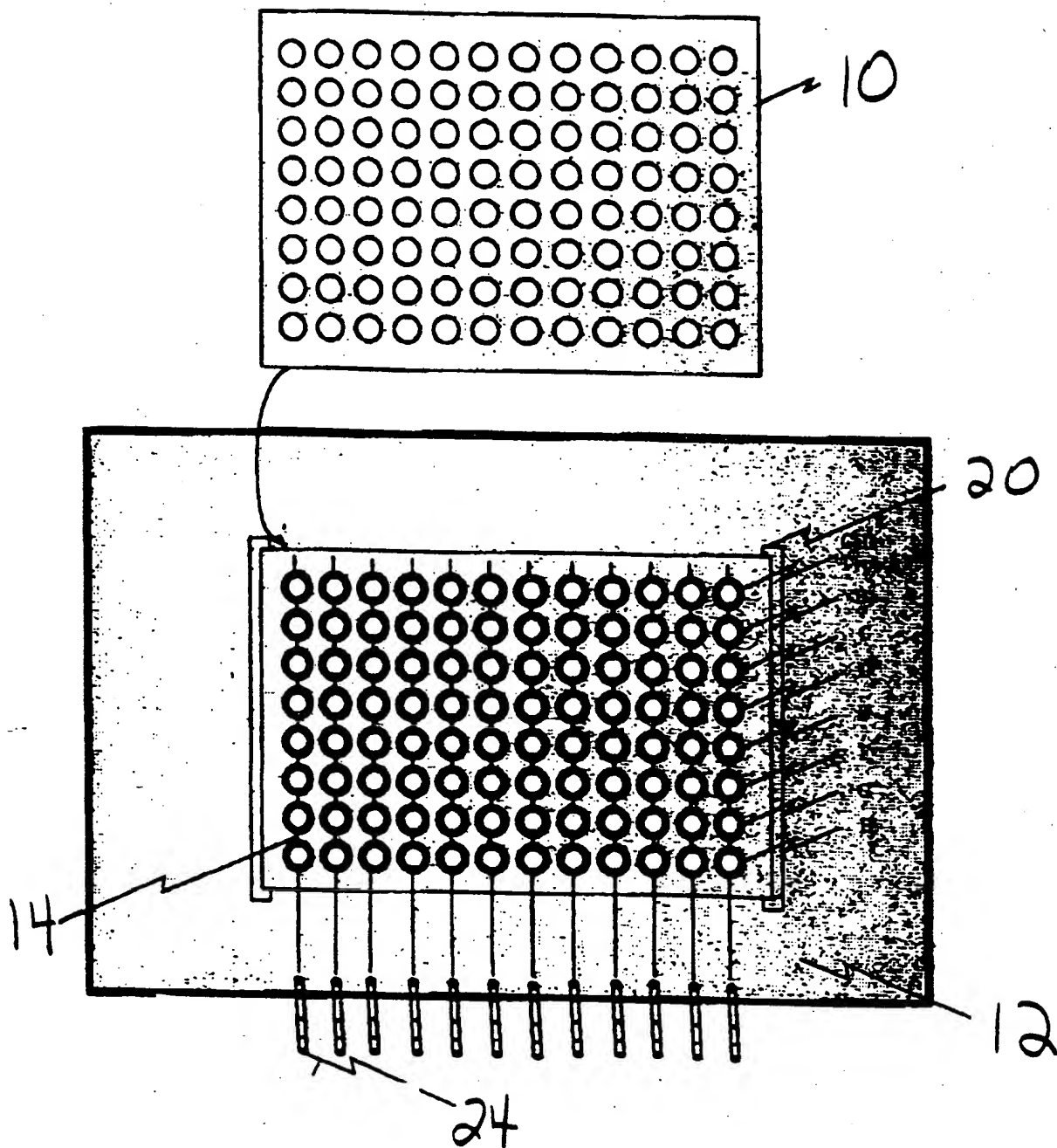
Figure 6



09468673.122199

Figure 7

a)

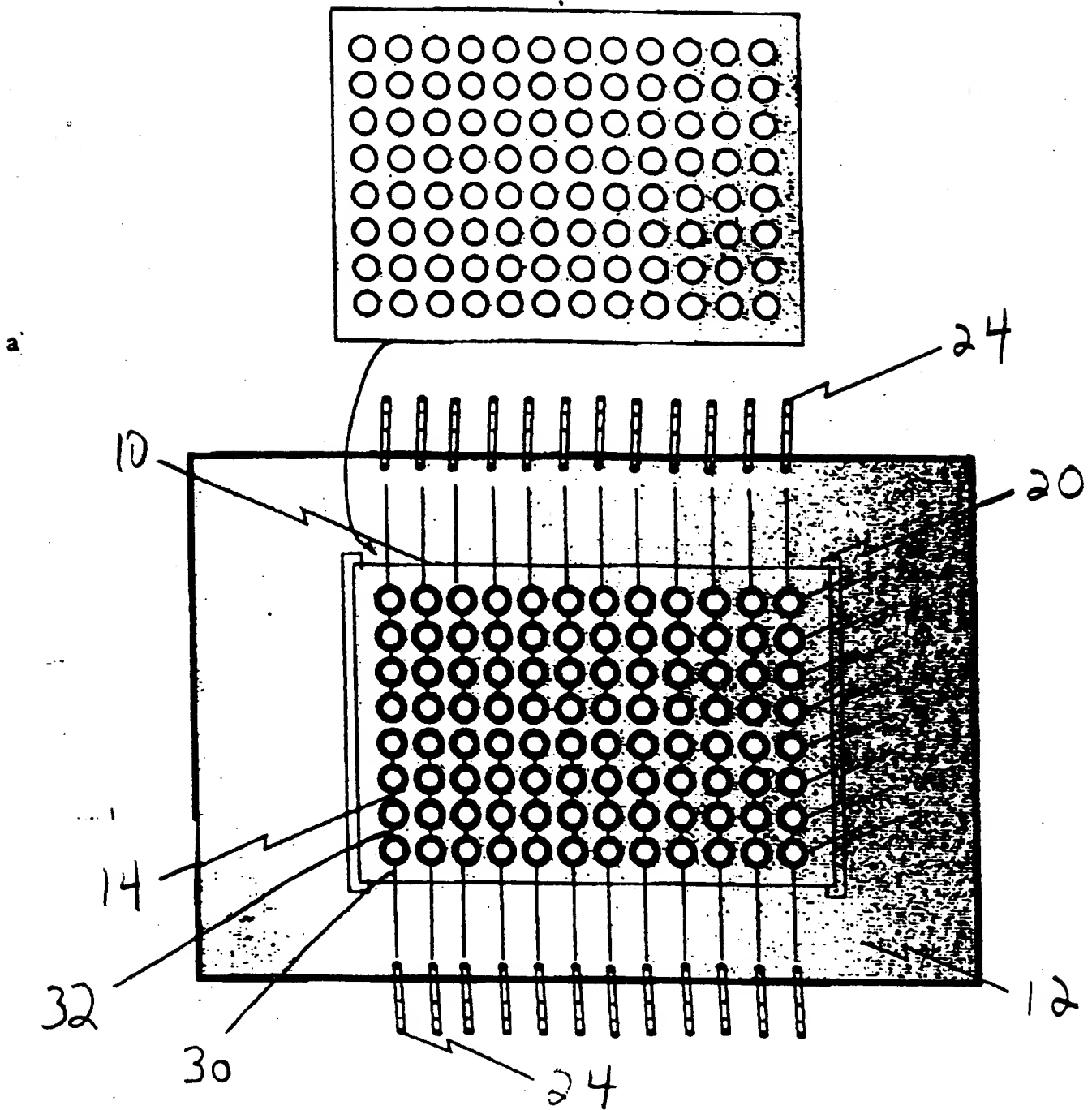


b)



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Figure 8



b)

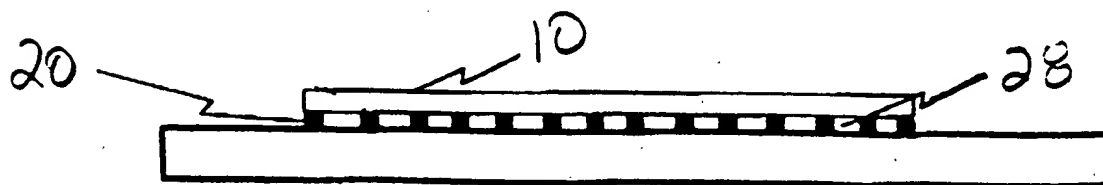
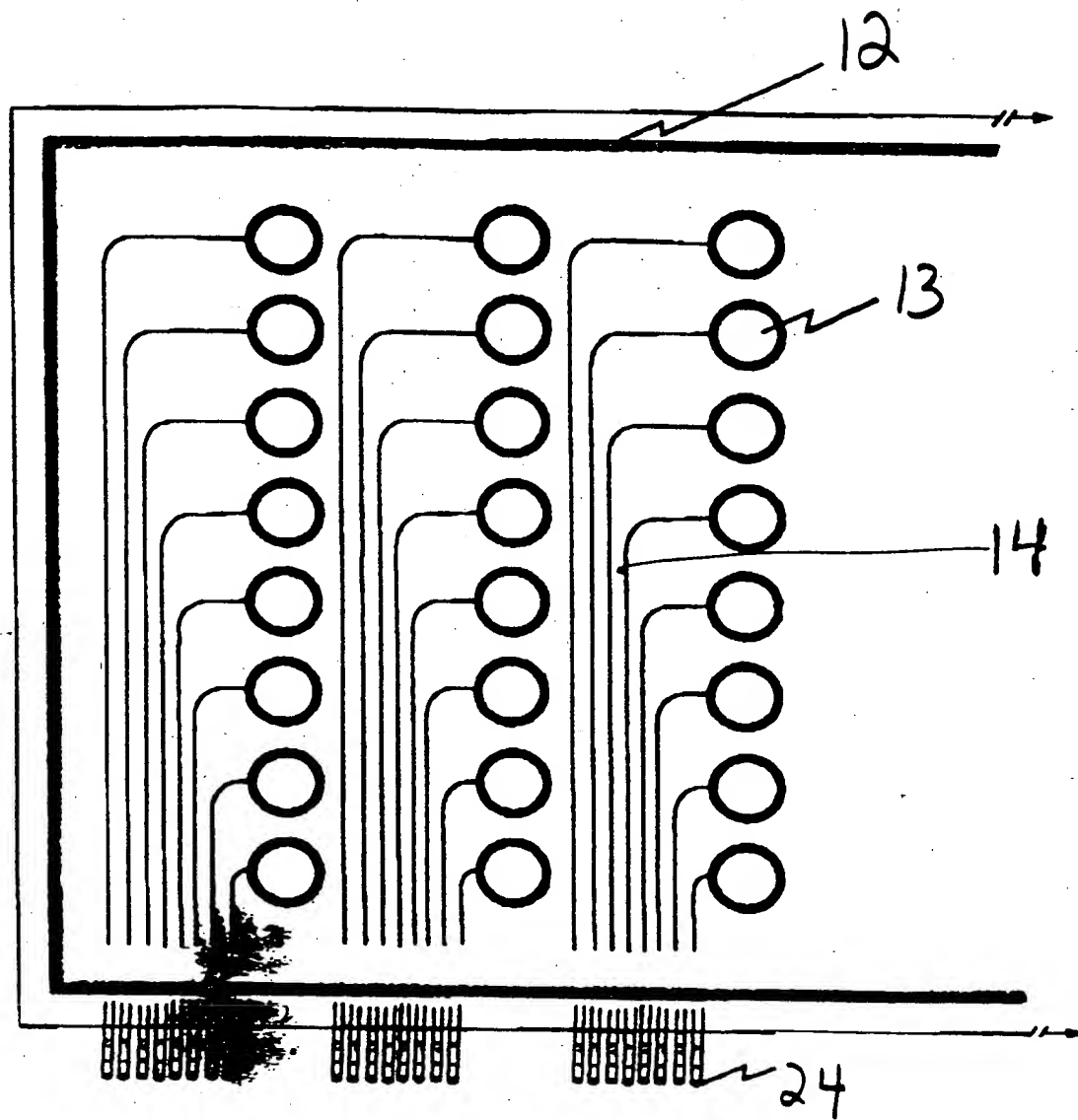


Figure 9



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Figure 10

0346674 12159

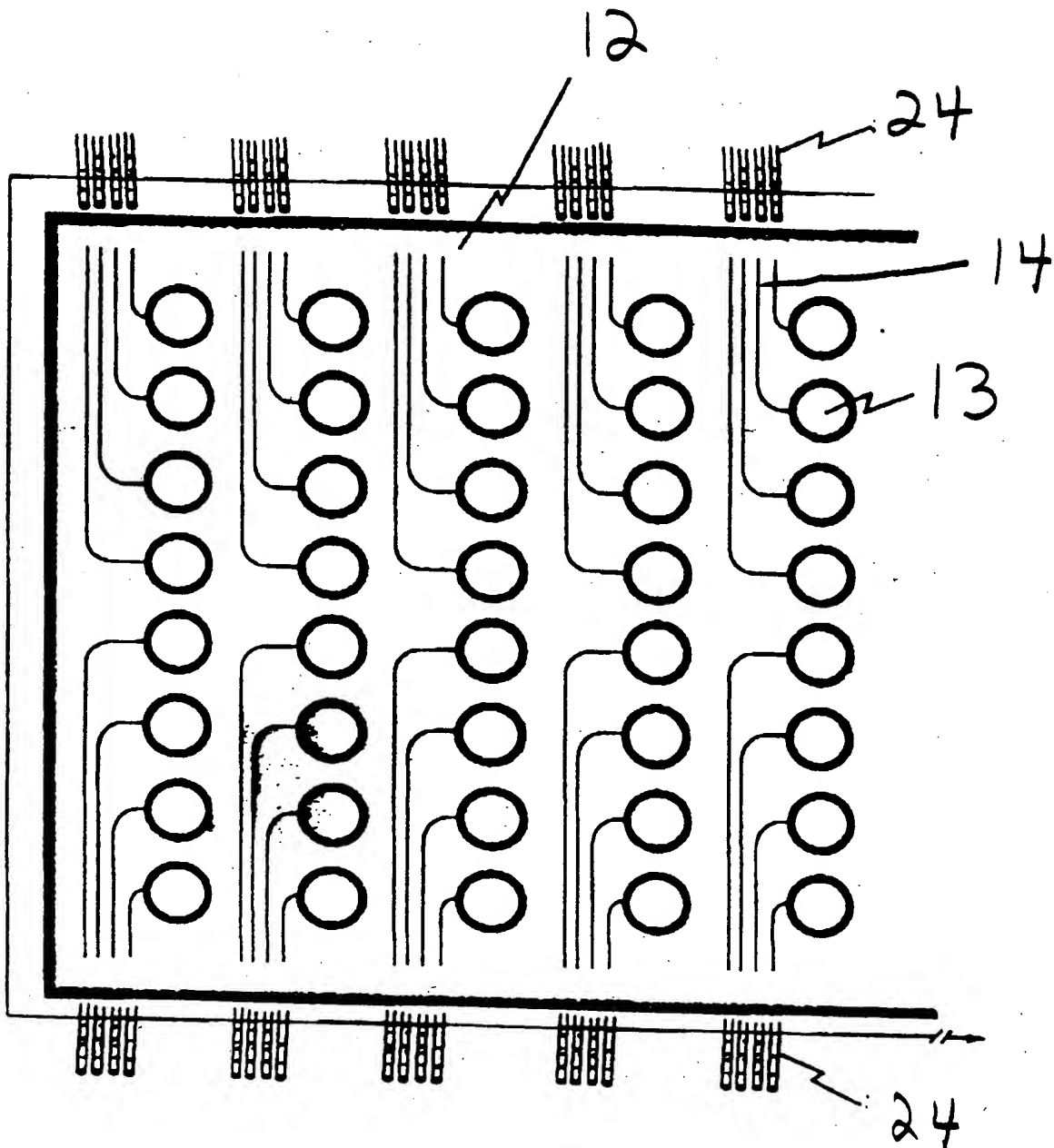
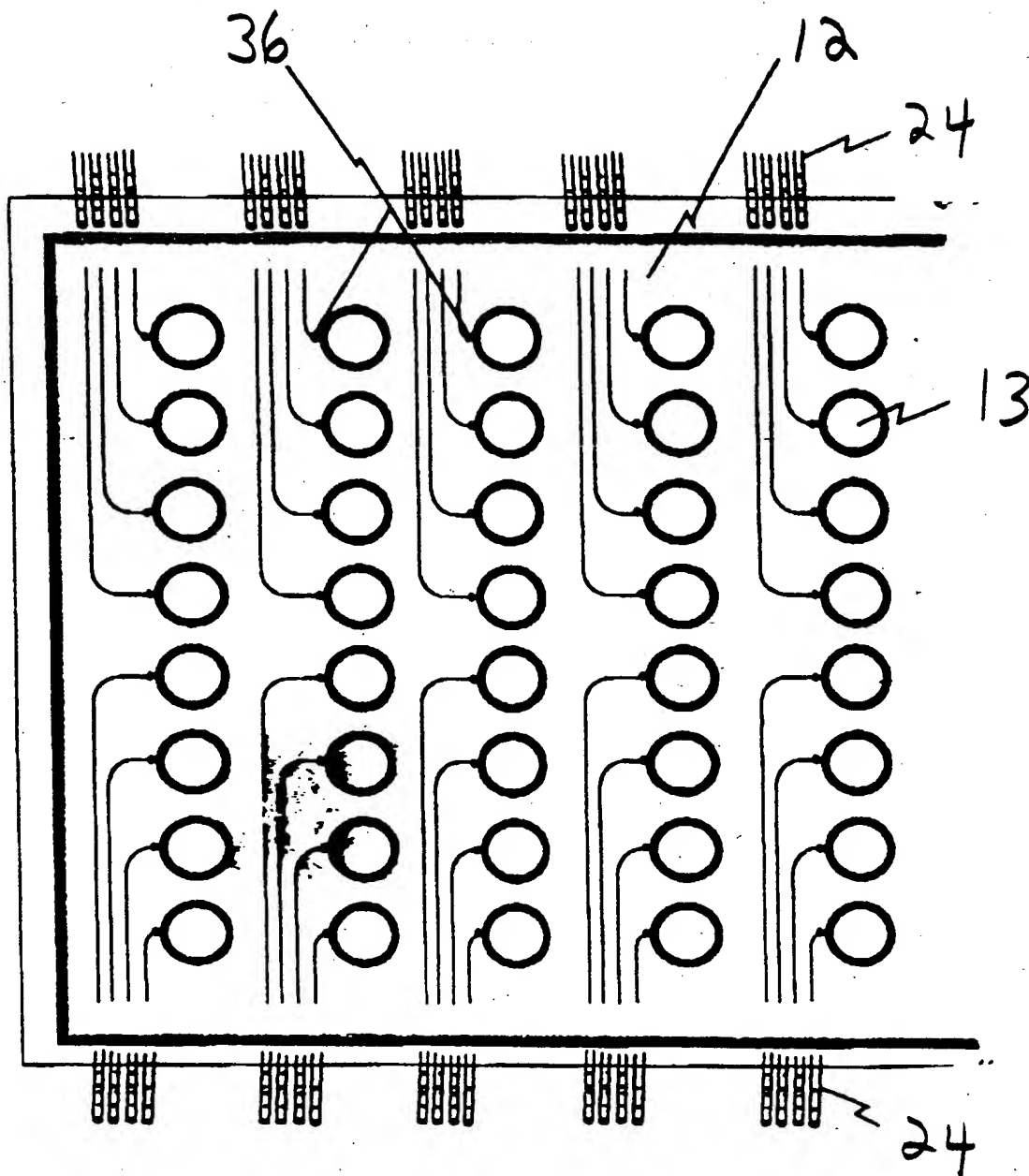
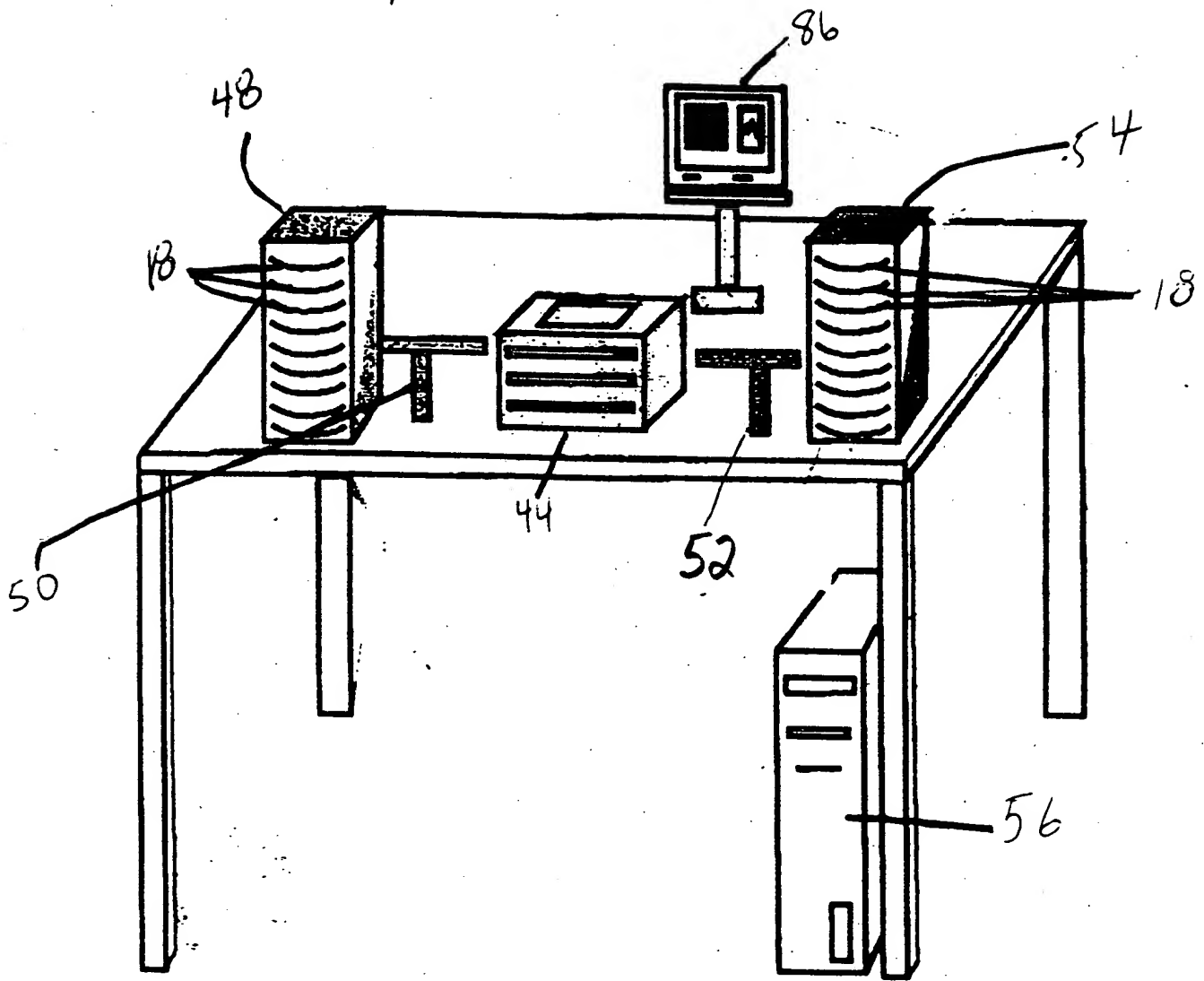


Figure 11



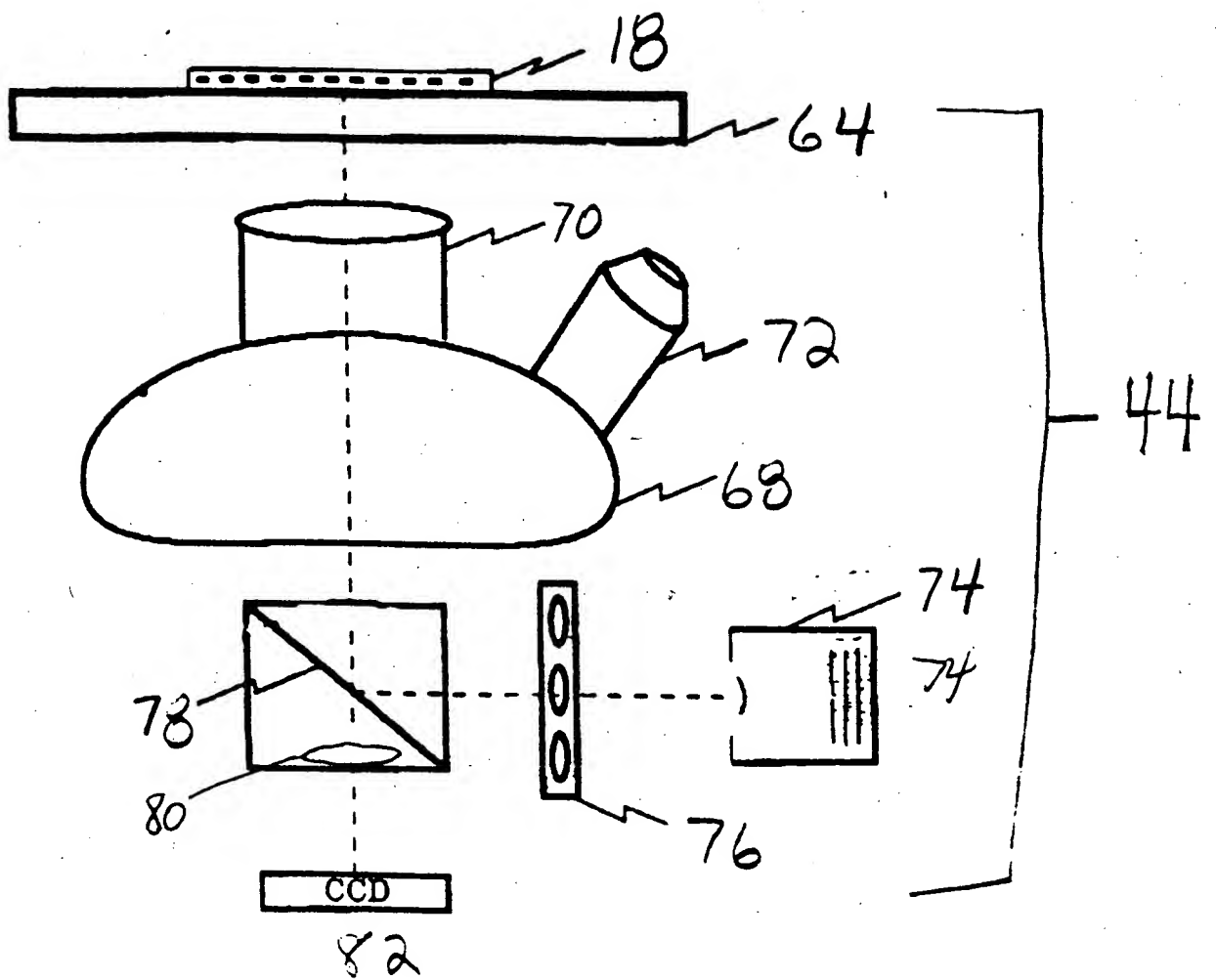
0546673 122199

Figure 12



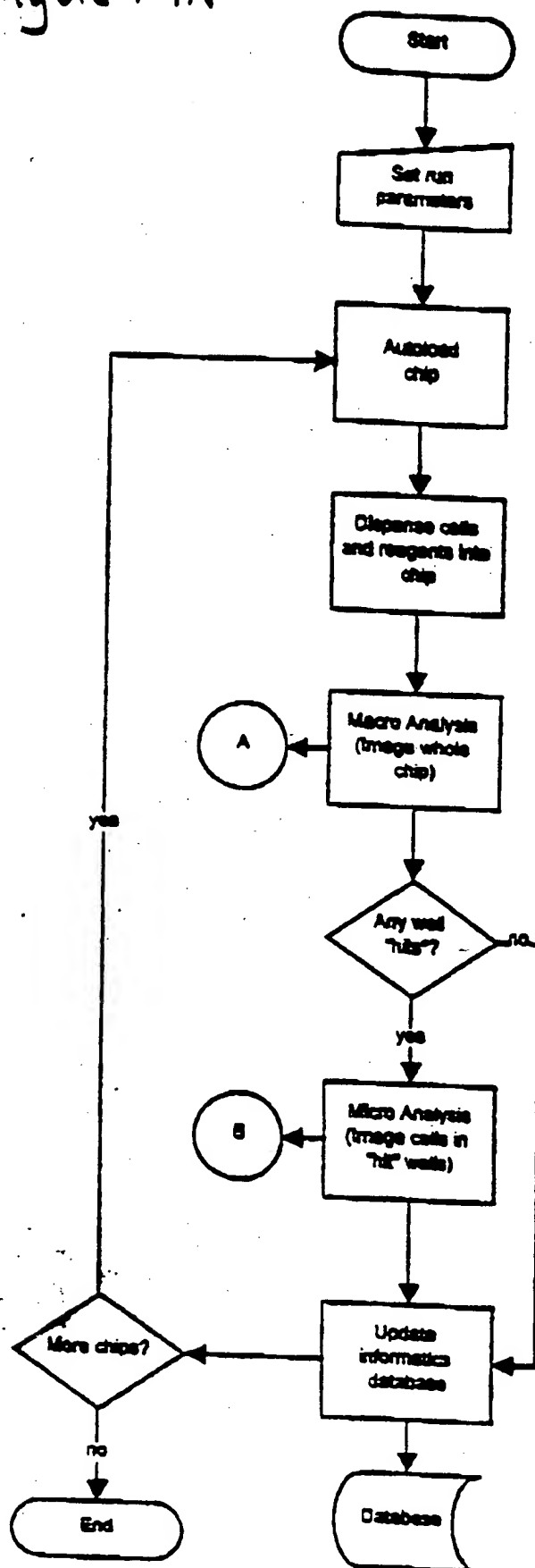
09468673 122199

Figure 13



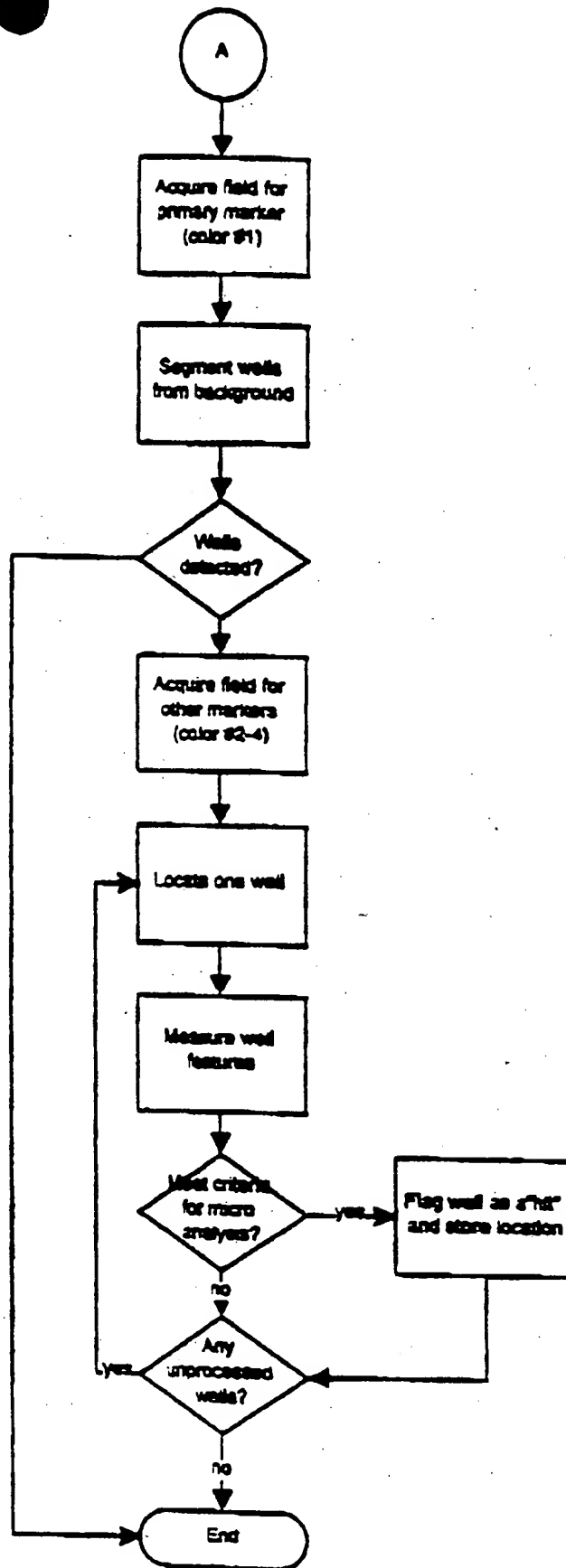
09468673.122199

Figure 14A



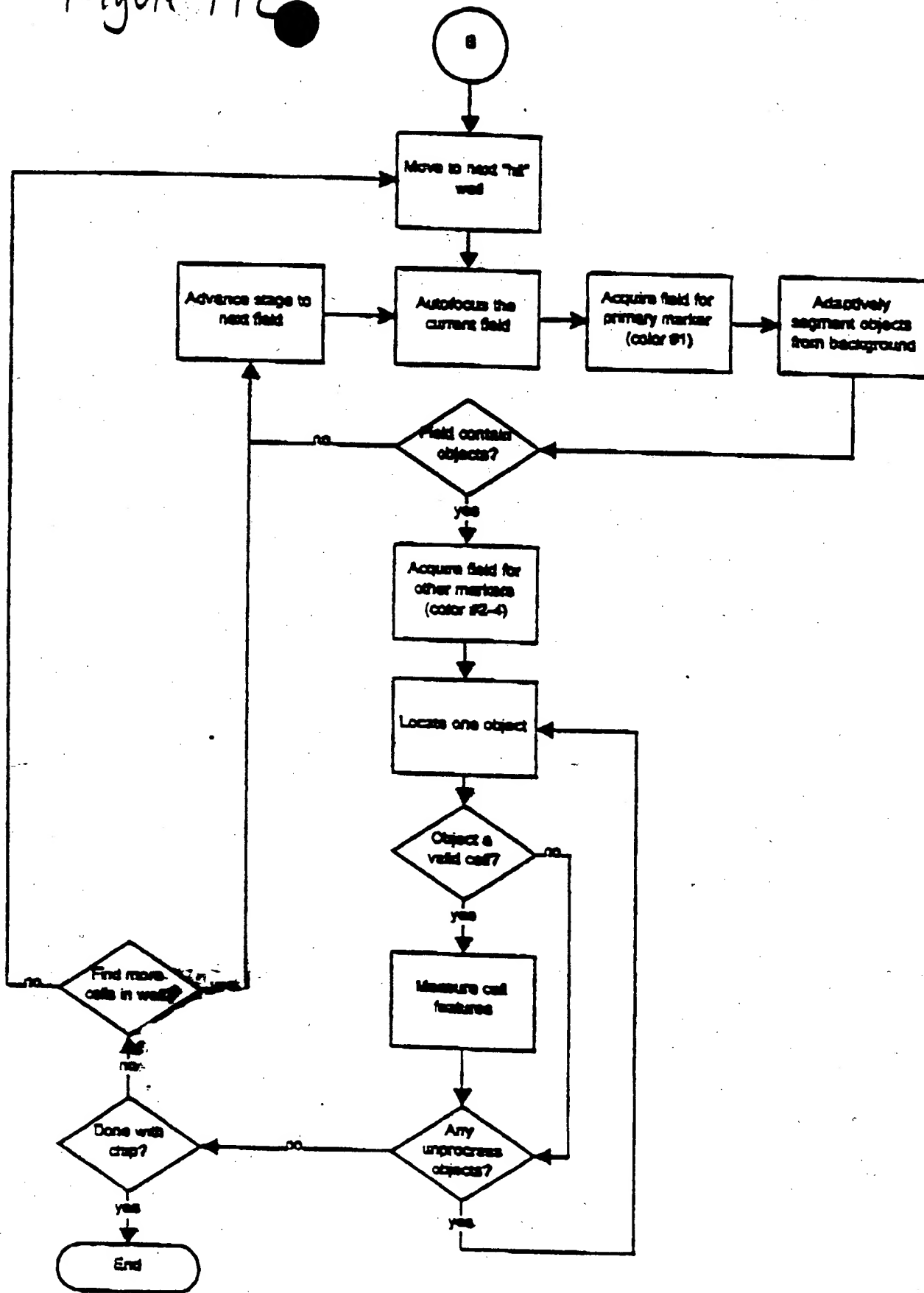
0946673-12150
651221 2/999460

Figure 14B



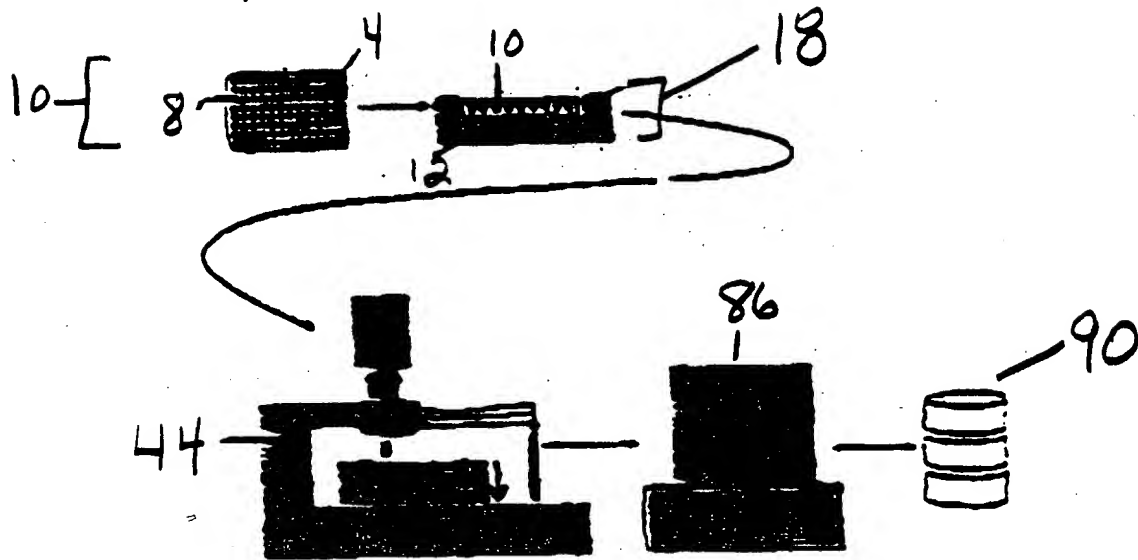
03468673 122499
65T22T 2/999460

Figure 14C



09468673 1E2199

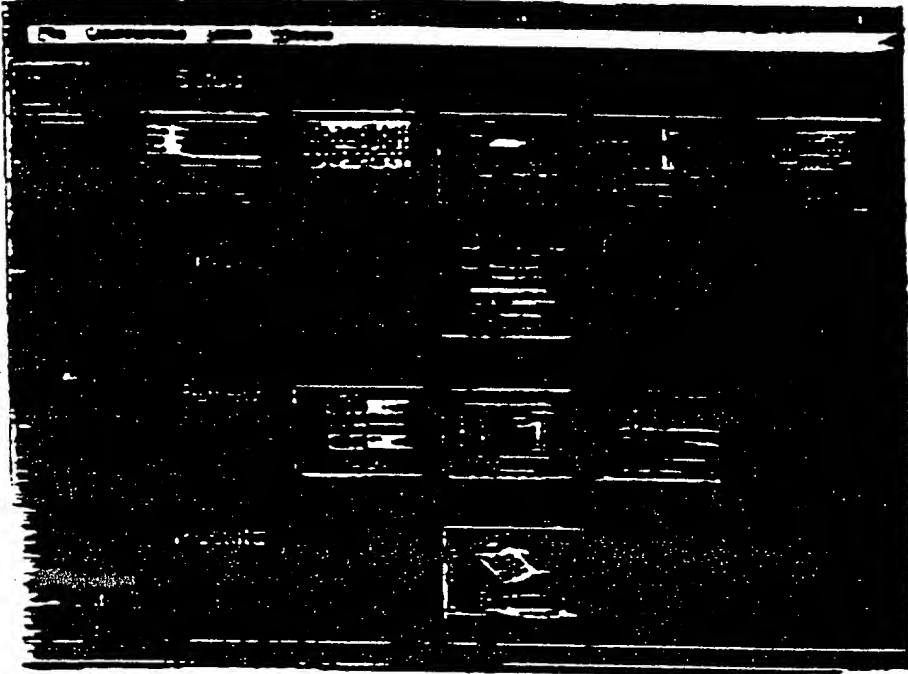
Figure 15



65463673 122199

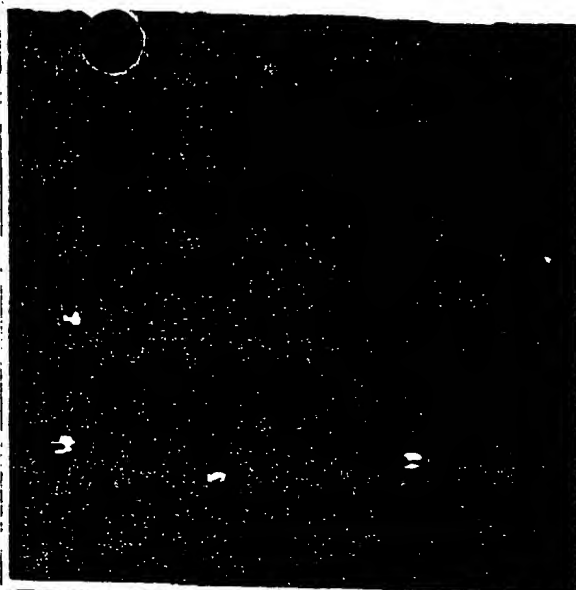
Figure 16

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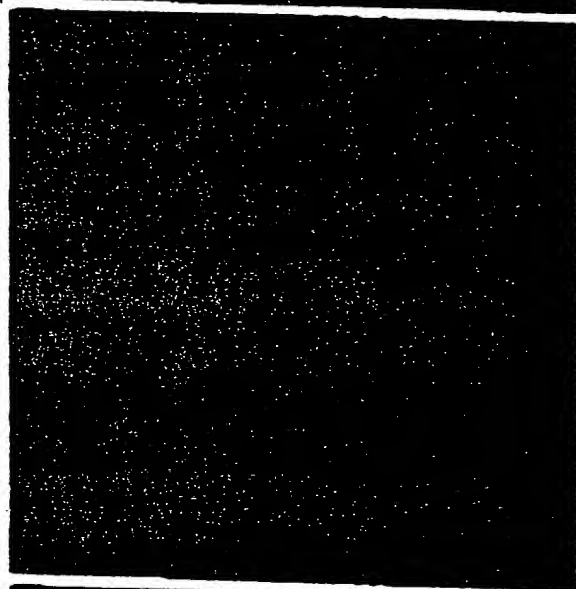
09468673 .122.199

Figure 17A



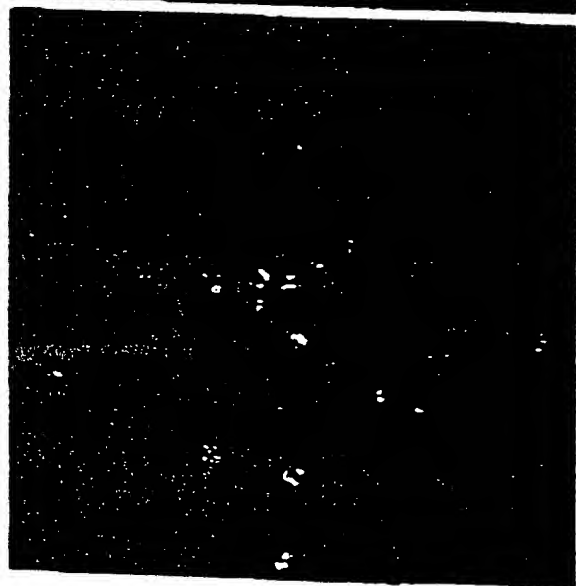
Control
No Coating

Figure 17B



IgM
Coated

Figure 17C



Whole Serum
Coated

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094600070-122194

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Figure 18A

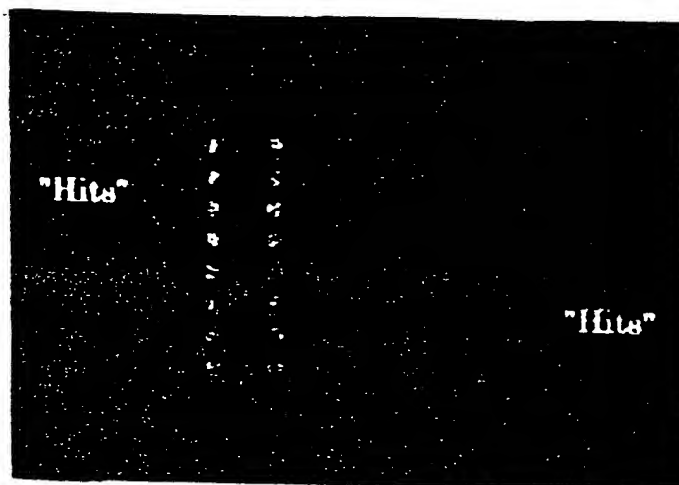


Figure 18B

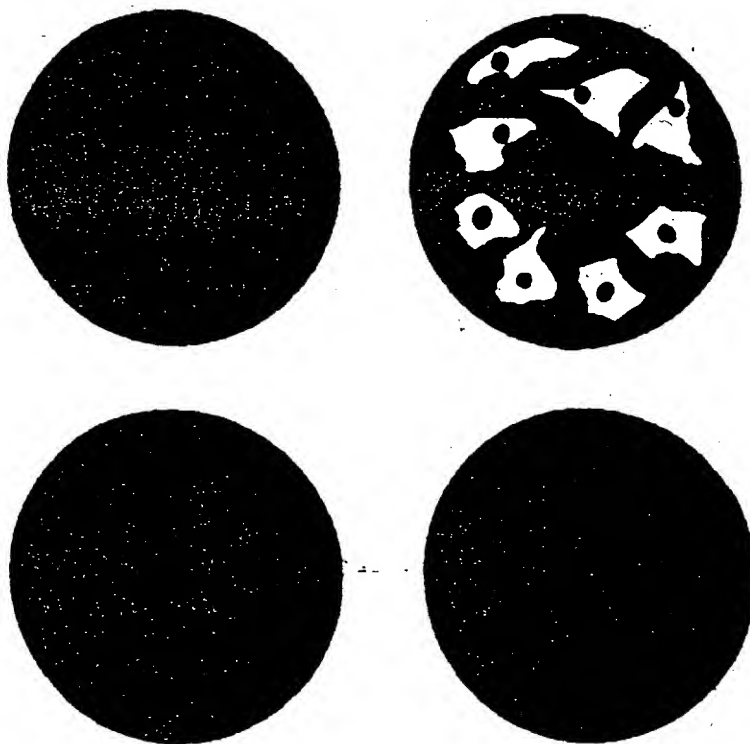
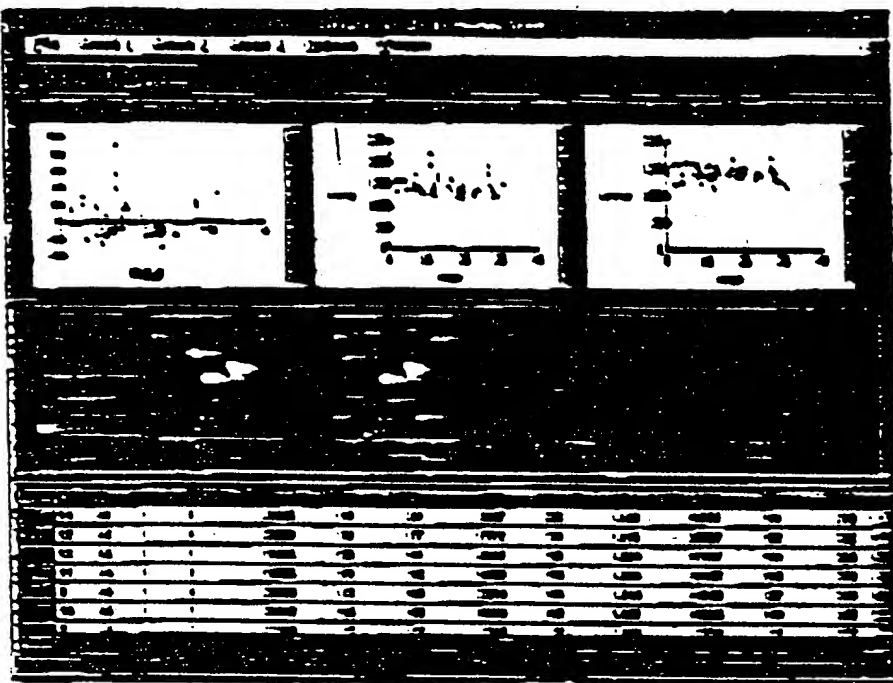


Figure 19

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